Reviewer's report

**Title:** A simplified study of trans-mitral Doppler patterns

**Version:** 1  **Date:** 8 November 2008

**Reviewer:** Rosa Sicari

**Reviewer's report:**

This is an intriguing hypothesis with an easier approach to the evaluation of diastolic function through the trans-mitral Doppler analysis. There are a few issues that authors should address:

1. Tissue Doppler Imaging is the gold standard to assess diastolic function. Please address.
2. More data should be provided to demonstrate that the method works.
3. Please provide real echo images with all the possible measurements with new parameters adopted.

**Level of interest:** An article of importance in its field

**Quality of written English:** Acceptable

**Statistical review:** No, the manuscript does not need to be seen by a statistician.

**Declaration of competing interests:**

'I declare that I have no competing interests'